

RIGGER

RAPIDS: 0474D

O*NET/SOC: 49-9096.00

REVISION DATE: 12/2018

TRADE DESCRIPTION: Set up or repair rigging for construction projects, manufacturing plants, logging yards, ships and shipyards, or for the entertainment industry.

TASK PERFORMANCE: Demonstrate knowledge and skills for qualifying as Journeyman. Applicable Job Qualification Requirements will be used as a guide in performing tasks and demonstrating knowledge in the following skill areas. Actual work time must be recorded in the Work Experience Log; each skill area must be completed.

Applicable Ratings/MOS/NEC

USMC MOS: 0431, 0451, 1371

USCG: BM

USN: BM, EO, SW

USA MOS: 12B, 12N, 88H

Related Instruction:

Trade related On-The-Job-Training (OJT) or Any Trade related schools/courses totaling 432 or more hours.

Additional Requirement:

None.

Total Hours: **6000**

Skill	Description	Hours
A	DIRECT MOVING OF MATERIAL & GOODS -- Signal or verbally direct workers engaged in hoisting and moving loads to ensure safety of workers and materials.	1200

	-- Communicate with coworkers to coordinate safe movement.	
B	HITCHING WITH STEEL CABLE AND/OR ROPE SLINGS -- Attach loads to rigging to provide support or prepare them for moving, using hand and power tools. -- Align, level, and anchor machinery. -- Attach rigging to objects so they can be moved. -- Test mechanical systems to ensure proper functioning.	1400
C	SETTING, LEVELING, ASSEMBLING AND STAGING -- Tilt, dip, and turn suspended loads to maneuver over, under, or around obstacles, using multi-point suspension techniques. -- Control movement of heavy equipment through narrow openings or confined spaces, using chain falls, gin poles, gallows frames, and other equipment. -- Dismantle heavy equipment or machinery.	1500
D	PREPARATIONS OF RIGGING, RIVETING, SPLICING ROPES AND STEEL CABLES -- Attach pulleys and blocks to fixed overhead structures such as beams, ceilings, and gin pole booms, using bolts and clamps. -- Manipulate rigging lines, hoists, and pulling gear to move or support materials such as heavy equipment, ships, or theatrical sets. -- Fabricate, set up, and repair rigging, supporting structures, hoists, and pulling gear, using hand and power tools. -- Dismantle and store rigging equipment after use. -- Install ground rigging for yarding lines, attaching chokers to logs and to the lines. -- Select gear such as cables, pulleys, and winches, according to load weights and sizes, facilities, and work schedules. -- Clean and dress machine surfaces and component parts.	1400
E	SAFETY PRECAUTIONS AND PROCEDURES -- Test rigging to ensure safety and reliability. -- Clean equipment, parts, or tools to repair or maintain them in good working order. -- Test mechanical systems to ensure proper functioning. -- Test rigging to ensure safety and reliability.	500